BENGALURU SOLID WASTE MANAGEMENT LIMITED

Office of Chief Engineer & Chief General Manager (Tech),BSWML, 1st Floor, UNI Building, Thimmaiah Road, Vasanth Nagar,Bengaluru – 560 052

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No.CE&CGM(Tech)/BSWML/Adde 01/2023-24 Date: 03.02.2024

ADDEENDUM-I

Sub: Creating buffer zone area as per CPCB guidelines surrounding the landfill site

Ref: Tender Notification No:CE&CGM(Tech)/BSWML/TEND/04/2023-24 Date:16.01.2024

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The Tender for the above said work was invited on 16.01.2024 as per tender notification No.CE&CGM(Tech)/BSWML/TEND/04/2023-24. In the BOQ mentioned in kpp portal the quantities mentioned are to be read as under;

Sl No	Particulars	Unit	Quantities mentioned in BOQ	Quantities to be read as
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness. By Mechanical Means using Dozer:In area of thorny jungle	Sqm	22695.21	21800
2	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.In all kinds of soils Depth upto 3 m	Cum	8933.74	8349.30
3	Procurement of Ingredients: Procurement of farmyard manure/compost, sand and red-earth	Cum	2269.52	2180

	(ingredients) required for raising seedlings inclusive of transportation, breaking of clods, sieving and heaping each ingredient separately at nursery site (Ceiling rate) : - Farm yard manure/compost			
4	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	2269.52	2180
5	Providing and stacking of Azadirachta indica (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge.	Each	757	727
6	Bamboo 18 to 20 cm girth and 90 cm height	Each	1513	1453
7	Providing, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. complete. NOTE: Upto 110mm dia Coil shall be used. For :HDPE PE 80 PN 6.0	Rmtr	2269.52	2180
8	HDPE Grade PE80-PN8.0,63mm dia	Rmtr	7567.07	7266.66
9	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work.	Cum	255.32	122.63

10	Providing Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :	Cum	544.69	268.80
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	544.69	268.80
12	Providing and laying insitu vibrated M-15 grade cement concrete using 20 mm down approved, clean, hard, graded aggregates for side lining of canal including cost of all materials, machinery, labour,cleaning, batching, mixing, formwork, supports, placing in position, levelling, vibrating, finishing junction of bed and sides to required curvature, finishing side slopes, curing with all other ancillary operations complete.	Cum	102.13	50.40
13	Providing 50 mm deep cement mortar pointing to coursed rubble face stone masonry in CM 1:3 proportion by volume including raking and cleaning joints, pressing mortar into joints, cost of all materials, labour, scaffolding, finishing, curing etc., complete with all lead and lifts.	Sqm	907.81	448.00
14	Providing and fixing 1.8 m high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 m center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808 :G.I Barbed Wire Fencing 1.8 m High	Rmtr	2269.52	1120.00
15	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m	Rmtr	250.0	250.0

	depth) Borewell depth of 0 to 50 Mtrs			
16	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 50 to 100 Mtrs	Rmtr	250.0	250.0
17	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 100 to 150 Mtrs	Rmtr	250.0	250.0
18	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 150 to 200 Mtrs	Rmtr	250.0	250.0
19	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and	Rmtr	250.0	250.0

	supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 200 to 250 Mtrs			
20	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 250 to 300 Mtrs	Rmtr	250.0	250.0
21	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 300 to 350 Mtrs	Rmtr	250.0	250.0
22	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 350 to 400 Mtrs	Rmtr	250.0	250.0

23	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) Borewell depth of 400 to 450 Mtrs	Rmtr	250.0	250.0

Further it is issued that the date of submission of Tender documents in kpp portal shall remain the same up to 06.02.2024 at 16:00 hours.

For Further details visit GOK KPP Portal Website www.kppp.karnataka.gov.in

Chief Engineer & 3/2/2024
Chief General Manager (Tech)
BSWML